

## Table H. - Engineering Index Properties

Henry County, Virginia

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1B: Ayersville	0-8	Gravelly Silt Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6 A-7-6	0	0-8	65-85	55-75	45-75	35-70	23-41	7-19
	8-22	Gravelly Clay Loam Gravelly Loam Gravelly Silt Loam Gravelly Silty Clay Loam Loam	CL SC	A-6 A-7	0	0-8	65-95	55-85	45-85	35-80	27-44	12-25
	22-26	Very Gravelly Loam Extremely Gravelly Silt Loam Very Gravelly Silt Loam	CL-ML GC	A-2-4 A-4	0-8	5-15	30-65	20-55	15-55	10-50	18-32	4-13
	26-30	Bedrock	---	---	---	---	---	---	---	---	---	---
	30-34	Bedrock	---	---	---	---	---	---	---	---	---	---
Mayodan	---				---	---	---	---	---	---	---	---
Stoneville	---				---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---

1C:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
1C: Ayersville	0-8	Gravelly Silt Loam Gravelly Loam	CL CL-ML SC SC-SM	A-4 A-6 A-7-6	0	0-8	65-85	55-75	45-75	35-70	23-41	7-19
	8-22	Gravelly Loam Gravelly Silt Loam Loam Gravelly Silty Clay Loam Gravelly Clay Loam	CL SC	A-6 A-7	0	0-8	65-95	55-85	45-85	35-80	27-44	12-25
	22-26	Very Gravelly Silt Loam Very Gravelly Loam Extremely Gravelly Silt Loam	CL-ML GC	A-2-4 A-4	0-8	5-15	30-65	20-55	15-55	10-50	18-32	4-13
	26-30	Bedrock	---	---	---	---	---	---	---	---	---	---
	30-34	Bedrock	---	---	---	---	---	---	---	---	---	---
Mayodan	---				---	---	---	---	---	---	---	---
Stoneville	---				---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---

2B:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
2B:												
Buckhall	0-9	Loam	SC	A-2-4	0	0-3	85-100	80-100	50-95	25-75	21-35	6-13
		Sandy Loam	SC-SM									
	9-12	Clay Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	24-49	9-28
		Sandy Clay Loam	SC	A-7								
		Loam										
	12-46	Clay Loam	CL	A-7-6	0	0-3	85-100	80-100	70-100	55-95	43-67	25-44
		Clay										
	46-65	Sandy Clay Loam	CL	A-2	0	0-3	85-100	80-100	50-100	25-80	20-49	6-28
		Sandy Loam	CL-ML	A-4								
		Clay Loam	SC	A-6								
			SC-SM									
Clifford	---				---	---	---	---	---	---	---	---
2C:												
Buckhall	0-9	Sandy Loam	SC	A-2-4	0	0-3	85-100	80-100	50-95	25-75	21-35	6-13
		Loam	SC-SM									
	9-12	Sandy Clay Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	24-49	9-28
		Loam	SC	A-7								
		Clay Loam										
	12-46	Clay	CL	A-7-6	0	0-3	85-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam										
	46-65	Sandy Loam	CL	A-2	0	0-3	85-100	80-100	50-100	25-80	20-49	6-28
		Clay Loam	CL-ML	A-4								
		Sandy Clay Loam	SC	A-6								
			SC-SM									
Clifford	---				---	---	---	---	---	---	---	---

3E:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
3E:												
Buffstat	0-2	Channery Fine Sandy Loam	GM	A-4	0	8-15	75-95	65-85	45-85	25-75	19-35	3-13
		Channery Loam	ML									
		Channery Silt Loam	SM									
	2-40	Channery Silty Clay Loam	CH	A-7-6	0	0-15	75-100	65-100	60-100	55-95	43-67	25-44
		Silty Clay Loam	CL									
		Clay										
		Silty Clay										
	40-44	Bedrock	---	---	---	---	---	---	---	---	---	---
Bugley	0-2	Channery Loam	CL	A-4	0-2	8-15	70-95	65-85	55-85	40-75	19-41	3-19
		Channery Silt Loam	GC	A-6								
			GM									
			ML									
	2-10	Very Channery Silt Loam	CL	A-1	0-2	15-30	40-75	30-65	25-65	20-60	20-44	6-25
		Channery Silt Loam	GC	A-2								
		Extremely Channery Silt Loam	SC	A-4								
				A-6								
	10-14	Bedrock	---	---	---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Littlejoe	---				---	---	---	---	---	---	---	---

4B:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
4B:												
Clifford	0-7	Loam Fine Sandy Loam Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Sandy Loam Clay Loam Loam Sandy Clay Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Delanco	---				---	---	---	---	---	---	---	---
4C:												
Clifford	0-7	Fine Sandy Loam Loam Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Loam Clay Loam Sandy Clay Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---

# Table H. - Engineering Index Properties - Continued

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
4C:												
Delanco	---				---	---	---	---	---	---	---	---
4D:												
Clifford	0-5	Fine Sandy Loam	CL	A-2-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
		Loam	CL-ML	A-4								
		Sandy Loam	SC									
			SM									
	5-33	Clay Loam	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
		Clay	CL									
	33-62	Sandy Clay Loam	CL-ML	A-2	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
		Loam	SC	A-4								
		Sandy Loam	SC-SM	A-6								
		Clay Loam										
Minnieville	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Spriggs	---				---	---	---	---	---	---	---	---
Delanco	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---
4E:												

# Table H. - Engineering Index Properties - Continued

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
4E:												
Clifford	0-5	Loam	CL	A-2-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
		Sandy Loam	CL-ML	A-4								
		Fine Sandy Loam	SC									
			SM									
	5-33	Clay Loam	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
		Clay	CL									
	33-62	Sandy Clay Loam	CL-ML	A-2	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
		Clay Loam	SC	A-4								
		Loam	SC-SM	A-6								
		Sandy Loam										
Minnieville	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Spriggs	---				---	---	---	---	---	---	---	---
Delanco	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---

5A:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
5A:												
Codorus	0-8	Silt Loam	CL	A-4	0	0	90-100	80-100	70-100	50-90	29-43	9-17
		Loam		A-6								
	8-47	Clay Loam	CL	A-6	0	0	90-100	80-100	70-100	50-95	27-44	12-25
		Silty Clay Loam										
		Loam										
		Silt Loam										
	47-62	Silt Loam	CL	A-2	0	0	90-100	80-100	40-100	5-90	0-36	NP-17
		Sand	CL-ML	A-4								
		Sandy Loam	ML	A-6								
		Loam	SC									
Delanco	---				---	---	---	---	---	---	---	---
Elsinboro	---				---	---	---	---	---	---	---	---
Colvard	---				---	---	---	---	---	---	---	---
Poorly drained soils	---				---	---	---	---	---	---	---	---
6A:												
Colvard	0-12	Fine Sandy Loam	SC	A-2	0	0	95-100	85-100	50-95	25-75	21-33	4-12
		Loam	SC-SM	A-4								
		Sandy Loam										
	12-43	Fine Sandy Loam	SC	A-2	0	0-2	95-100	85-100	40-95	5-75	16-31	1-12
		Sand	SC-SM	A-4								
		Loam	SM									
		Sandy Loam										
	43-62	Sand	SC	A-1	0	0-5	60-100	50-100	25-95	2-75	16-31	1-12
		Gravelly Sand	SC-SM	A-2								
		Sandy Loam	SM	A-4								
		Fine Sandy Loam										
		Loam										



**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
6A:												
Poorly drained soils	---				---	---	---	---	---	---	---	---
Codorus	---				---	---	---	---	---	---	---	---
Delanco	---				---	---	---	---	---	---	---	---
Elsinboro	---				---	---	---	---	---	---	---	---
7B:												
Creedmoor	0-11	Loam	SC	A-2	0	0-2	98-100	95-100	55-95	30-75	19-35	3-13
		Sandy Loam	SC-SM	A-4								
		Fine Sandy Loam	SM									
	11-47	Silty Clay Loam	CH	A-7-6	0	0-2	98-100	95-100	90-100	80-95	45-69	25-44
		Clay	CL									
	47-67	Clay Loam	CL-ML	A-2	0	0-2	98-100	95-100	55-100	30-80	16-44	2-25
		Sandy Loam	ML	A-4								
		Loam	SC	A-6								
		Sandy Clay Loam	SM	A-7								
	67-71	Bedrock	---	---	---	---	---	---	---	---	---	---
Mayodan	---				---	---	---	---	---	---	---	---
Ayersville	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---
Stoneville	---				---	---	---	---	---	---	---	---

8A:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
8A:												
Delanco	0-6	Loam	CL	A-4	0	0	90-100	80-100	55-95	30-75	20-39	2-13
		Fine Sandy Loam	ML	A-6								
	6-46	Clay Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	29-46	12-25
		Sandy Clay Loam		A-7								
	46-62	Loam	CL	A-6	0	0	90-100	80-100	65-100	30-80	29-42	12-21
		Sandy Clay Loam	SC	A-7								
		Clay Loam										
Poorly drained soils	---				---	---	---	---	---	---	---	---
Codorus	---				---	---	---	---	---	---	---	---
Colvard	---				---	---	---	---	---	---	---	---
Elsinboro	---				---	---	---	---	---	---	---	---
9B:												
Dyke	0-6	Loam	CL	A-6	0	0-3	90-100	80-100	70-100	50-90	20-39	6-17
		Silt Loam										
	6-65	Clay	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam	CL									
Clifford	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
9C:												
Dyke	0-6	Silt Loam	CL	A-6	0	0-3	90-100	80-100	70-100	50-90	20-39	6-17
		Loam										
	6-65	Clay	CH	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-67	25-44
		Clay Loam	CL									

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
9C:												
Clifford	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
10A:												
Elsinboro	0-7	Sandy Loam	CL	A-2	0	0-3	85-100	80-100	50-95	25-75	21-35	4-12
		Loam	SC	A-4								
		Fine Sandy Loam										
	7-51	Loam	CL	A-6	0	0-3	85-100	80-100	65-100	30-80	27-43	12-24
		Clay Loam	SC									
		Sandy Clay Loam										
	51-62	Loam	CL	A-2-4	0	0-5	95-100	85-100	50-95	25-75	18-43	4-24
		Fine Sandy Loam	SC	A-4								
		Sandy Loam		A-6								
				A-7								
Colvard	---				---	---	---	---	---	---	---	---
Poorly drained soils	---				---	---	---	---	---	---	---	---
Codorus	---				---	---	---	---	---	---	---	---
Delanco	---				---	---	---	---	---	---	---	---
11A:												

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
11A:												
Leaksville	0-9	Loam	CL	A-4	0	2-20	80-98	70-95	60-95	40-85	21-39	6-17
		Channery Silt Loam	CL-ML	A-6								
		Silt Loam										
	9-18	Silty Clay	CH	A-7-6	0	2-10	90-98	85-95	75-95	60-90	46-70	25-44
		Clay	CL									
		Clay Loam										
	18-24	Very Channery Clay Loam	CL	A-6	0	25-50	50-80	35-70	30-70	20-65	22-50	6-29
		Very Channery Silty Clay	GC	A-7								
		Loam	SC									
		Extremely Channery Silty										
		Clay Loam										
		Very Channery Loam										
	24-30	Bedrock	---	---	---	---	---	---	---	---	---	---
	30-34	Bedrock	---	---	---	---	---	---	---	---	---	---
Ayersville	---				---	---	---	---	---	---	---	---
Stoneville	---				---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
Mayodan	---				---	---	---	---	---	---	---	---
12C:												
Littlejoe	0-10	Loam	CL	A-4	0	0-5	90-100	85-100	70-100	50-90	23-41	7-19
		Silt Loam	CL-ML	A-6								
	10-42	Clay	CH	A-7-6	0	0-5	90-100	85-100	75-100	65-95	43-67	25-44
		Silty Clay	CL									
	42-46	Bedrock	---	---	---	---	---	---	---	---	---	---
Buffstat	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
12C: Bugley	---				---	---	---	---	---	---	---	---
12D: Littlejoe	0-10	Silt Loam	CL	A-4	0	0-5	90-100	85-100	70-100	50-90	23-41	7-19
		Loam	CL-ML	A-6								
	10-42	Silty Clay	CH	A-7-6	0	0-5	90-100	85-100	75-100	65-95	43-67	25-44
		Clay	CL									
	42-46	Bedrock	---	---	---	---	---	---	---	---	---	---
Buffstat	---				---	---	---	---	---	---	---	---
Bugley	---				---	---	---	---	---	---	---	---
13B: Mayodan	0-5	Loam	CL	A-2	0	0-2	90-100	80-100	50-95	25-75	17-35	2-13
		Sandy Loam	ML	A-4								
		Fine Sandy Loam	SC									
			SM									
	5-9	Sandy Clay Loam	CL	A-6	0	0-2	95-100	90-100	65-100	35-80	21-50	6-28
		Clay Loam	SC	A-7-6								
		Fine Sandy Loam										
	9-47	Clay Loam	CH	A-7-6	0	0-2	95-100	90-100	80-100	65-95	43-67	25-44
		Clay	CL									
	47-62	Clay Loam	CL	A-2	0	0-2	95-100	90-100	55-100	25-80	20-44	6-25
		Sandy Clay Loam	SC	A-4								
		Sandy Loam		A-6								
		Loam										
Stoneville	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
13B:												
Ayersville	---				---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
13C:												
Mayodan	0-5	Fine Sandy Loam Loam Sandy Loam	CL ML SC SM	A-2 A-4	0	0-2	90-100	80-100	50-95	25-75	17-35	2-13
	5-9	Sandy Clay Loam Clay Loam Fine Sandy Loam	CL SC	A-6 A-7-6	0	0-2	95-100	90-100	65-100	35-80	21-50	6-28
	9-47	Clay Loam Clay	CH CL	A-7-6	0	0-2	95-100	90-100	80-100	65-95	43-67	25-44
	47-62	Clay Loam Sandy Clay Loam Loam Sandy Loam	CL SC	A-2 A-4 A-6	0	0-2	95-100	90-100	55-100	25-80	20-44	6-25
Stoneville	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---
Ayersville	---				---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
14B:												

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
14B:												
Minnieville	0-6	Loam	CL	A-4	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
		Silt Loam	CL-ML	A-6								
	6-48	Clay	CH	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
		Clay Loam	CL									
	48-62	Loam	CL	A-6	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
		Clay Loam		A-7								
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
14C:												
Minnieville	0-6	Loam	CL	A-4	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
		Silt Loam	CL-ML	A-6								
	6-48	Clay Loam	CH	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
		Clay	CL									
	48-62	Clay Loam	CL	A-6	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
		Loam		A-7								
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---

14D:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
14D:												
Minnieville	0-6	Loam	CL	A-4	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
		Silt Loam	CL-ML	A-6								
	6-48	Clay	CH	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
		Clay Loam	CL									
	48-62	Loam	CL	A-6	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
		Clay Loam		A-7								
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
15C:												
Minnieville	0-6	Loam	CL	A-4	0	0-2	95-100	85-100	70-100	50-90	22-41	6-19
		Silt Loam	CL-ML	A-6								
	6-48	Clay Loam	CH	A-7-6	0	0-2	95-100	85-100	75-100	60-80	43-67	25-44
		Clay	CL									
	48-62	Loam	CL	A-6	0	0-2	95-100	85-100	70-100	50-80	31-50	13-29
		Clay Loam		A-7								
Urban land	---				---	---	---	---	---	---	---	---
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Dyke	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---



**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
15C:												
16B:												
Orenda	0-5	Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
		Fine Sandy Loam	SC	A-4								
		Sandy Loam		A-6								
	5-30	Loam	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
		Clay										
		Clay Loam										
	30-62	Sandy Loam	CL	A-6	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25
		Sandy Clay Loam	SC	A-7								
		Loam	SC-SM									
Spriggs	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
17C:												
Orenda	0-5	Fine Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
		Loam	SC	A-4								
		Sandy Loam		A-6								
	5-30	Clay Loam	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
		Clay										
		Loam										
	30-62	Sandy Loam	CL	A-6	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25
		Loam	SC	A-7								
		Sandy Clay Loam	SC-SM									

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
17C: Spriggs	0-4	Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
		Sandy Loam	SC	A-4								
		Fine Sandy Loam		A-6								
	4-15	Clay Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
		Gravelly Clay Loam										
		Loam										
	15-22	Sandy Loam	CL	A-1	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
		Gravelly Sandy Loam	CL-ML	A-2-4								
		Loam	SC	A-4								
			SC-SM	A-6								
	22-48	Bedrock	---	---	---	---	---	---	---	---	---	---
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
17D: Orenda	0-5	Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
		Loam	SC	A-4								
		Fine Sandy Loam		A-6								
	5-30	Clay Loam	CL	A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
		Loam										
		Clay										
	30-62	Sandy Loam	CL	A-6	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25
		Sandy Clay Loam	SC	A-7								
		Loam	SC-SM									

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
17D: Spriggs	0-4	Sandy Loam Loam	CL-ML SC	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
	4-15	Fine Sandy Loam Clay Loam Gravelly Clay Loam Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
	15-22	Loam Sandy Loam Gravelly Sandy Loam	CL CL-ML SC SC-SM	A-1 A-2-4 A-4 A-6	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
	22-48	Bedrock	---	---	---	---	---	---	---	---	---	---
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
17E: Orenda	0-5	Sandy Loam Loam	CL-ML SC	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	22-35	6-13
	5-30	Fine Sandy Loam Clay Clay Loam Loam	CL	A-6 A-7-6	0	0-2	90-100	80-100	70-100	50-95	35-67	17-44
	30-62	Loam Sandy Clay Loam Sandy Loam	CL SC SC-SM	A-6 A-7	0	0-2	90-100	80-100	50-95	25-75	24-44	9-25

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
17E:												
Spriggs	0-4	Sandy Loam	CL-ML	A-2-4	0	0-2	90-100	80-100	50-95	25-75	21-35	6-13
		Loam	SC	A-4								
		Fine Sandy Loam		A-6								
	4-15	Loam	CL	A-6	0	0-2	60-100	50-100	40-100	30-80	31-46	13-25
		Clay Loam										
		Gravelly Clay Loam										
	15-22	Loam	CL	A-1	0	0-2	60-100	50-100	30-95	15-75	20-36	6-17
		Gravelly Sandy Loam	CL-ML	A-2-4								
		Sandy Loam	SC	A-4								
			SC-SM	A-6								
	22-48	Bedrock	---	---	---	---	---	---	---	---	---	---
	48-52	Bedrock	---	---	---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
18B:												
Stoneville	0-5	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	19-40	3-18
		Loam	CL-ML	A-6								
			ML									
	5-13	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	19-38	3-18
		Loam	ML	A-6								
	13-38	Clay Loam	CH	A-7-6	0	0	90-100	85-100	75-100	60-95	43-67	25-44
		Clay	CL									
		Silty Clay										
		Silty Clay Loam										
	38-48	Silt Loam	CL	A-4	0	0	90-100	85-100	70-100	50-90	20-37	6-18
		Loam		A-6								
	48-72	Bedrock	---	---	---	---	---	---	---	---	---	---
Creedmoor	---				---	---	---	---	---	---	---	---
Leaksville	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
18B:												
Ayersville	---				---	---	---	---	---	---	---	---
Mayodan	---				---	---	---	---	---	---	---	---
19:												
Udorthents	---				---	---	---	---	---	---	---	---
Urban land	---				---	---	---	---	---	---	---	---
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---
20:												
Udorthents	---				---	---	---	---	---	---	---	---
Spriggs	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Orenda	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
20: Woolwine	---				---	---	---	---	---	---	---	---
21B: Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock	---	---	---	---	---	---	---	---	---	---
Clifford	0-7	Sandy Loam Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Loam Sandy Loam Clay Loam Sandy Clay Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---

21C:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21C:												
Woolwine	0-5	Loam Fine Sandy Loam Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock	---	---	---	---	---	---	---	---	---	---
Clifford	0-7	Sandy Loam Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	7-52	Clay Loam Clay	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	52-62	Clay Loam Sandy Clay Loam Sandy Loam Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---

21D:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21D:												
Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Channery Clay Loam Clay Loam Clay	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock	---	---	---	---	---	---	---	---	---	---
Clifford	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	5-33	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	33-62	Sandy Clay Loam Sandy Loam Clay Loam Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---

21E:



**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
21E:												
Woolwine	0-5	Sandy Loam Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Channery Clay Loam Clay Loam Clay	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock	---	---	---	---	---	---	---	---	---	---
Clifford	0-5	Loam Fine Sandy Loam Sandy Loam	CL CL-ML SC SM	A-2-4 A-4	0	0-3	90-100	80-100	50-95	25-75	19-41	3-17
	5-33	Clay Clay Loam	CH CL	A-7-6	0	0-3	90-100	80-100	70-100	55-95	43-63	25-40
	33-62	Loam Sandy Clay Loam Clay Loam Sandy Loam	CL-ML SC SC-SM	A-2 A-4 A-6	0	0-3	90-100	80-100	50-100	25-80	20-40	6-21
Minnieville	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
Woolwine	---				---	---	---	---	---	---	---	---

22C:

**Table H. - Engineering Index Properties - Continued**

Henry County, Virginia

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
	In				Pct	Pct					Pct	
22C:												
Woolwine	0-5	Loam Sandy Loam Fine Sandy Loam	CL CL-ML ML SC SM	A-2-4 A-4	0	0-2	90-100	80-100	50-95	25-75	19-41	3-17
	5-35	Clay Clay Loam Channery Clay Loam	CH CL	A-7-6	0	0-2	70-100	50-100	45-100	35-95	43-63	25-40
	35-39	Bedrock	---	---	---	---	---	---	---	---	---	---
Urban land	---				---	---	---	---	---	---	---	---
Clifford	---				---	---	---	---	---	---	---	---
Minnieville	---				---	---	---	---	---	---	---	---
Rock outcrop	---				---	---	---	---	---	---	---	---
DAM:												
Dam	---				---	---	---	---	---	---	---	---
W:												
Water	---				---	---	---	---	---	---	---	---